APPENDIX A
CLEAN COPY OF THE AMENDED CLAIMS

12. (Amended) A method for improving speech quality in a cellular communications network, said method comprising the steps of:

selecting a cell from a plurality of cells forming the cellular communications network;

receiving a first plurality of mobile reports from a first transceiver located in the cell and from a corresponding number of first mobile terminals located in a portion of the cell and within a predetermined distance from a border of a non-cosited cell, said portion of the cell including a cell border area or a section of the cell border area;

determining, in response to receiving the first plurality of mobile reports, an average speech quality value of the portion of the cell;

dynamically changing the portion of the cell by decreasing the portion when a lower threshold exceeds the average speech quality value, and increasing the portion when the average speech quality value exceeds an upper threshold;

determining an interfering cell from the plurality of cells, said interfering cell causes interference within said cell;

receiving a second plurality of mobile reports from a second transceiver located in the interfering cell and from a corresponding number of second mobile terminals located in the interfering cell; and

decreasing a portion of the interfering cell to improve the average speech quality value in the cell, said portion of the interfering cell including a cell border area or a section of the cell border area.